

**AN  
INVENTORY  
OF THE  
SPRING CREEKS  
IN MONTANA**

**Volume II:  
Photographs**

**By  
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AN INVENTORY  
OF THE SPRING CREEKS  
IN MONTANA

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## TABLE OF CONTENTS

### KOOTENAI RIVER DRAINAGE

Stanley Creek

### FLATHEAD RIVER DRAINAGE

Upper Flathead River Springs

Columbia Falls Slough

Fairview Spring

Taylor Spring Creek

Presintine Spring

Lybeck Spring Creek

Brenneman's Slough

Spring Creek

Mill Creek

Ronan Spring Creek

Schall (Valley) Creek

### CLARK FORK RIVER DRAINAGE

Little Blackfoot Spring Creek

Warm Springs Creek

Stuart Mill Creek

Nevada Spring Creek

Lost Creek

Rock Creek

Kliendschmidt Creek

Mitchell's Slough

### BEAVERHEAD RIVER DRAINAGE

Clark Canyon Reservoir Springs

Gordon Springs

McMenomey Springs





Lovell's Lake

Brown's Springs

Poindexter Slough

Silver Springs

Lotts Spring Creek

JEFFERSON RIVER DRAINAGE

Willow Springs

Parsons Slough

Cold Springs

EAST GALLATIN DRAINAGE

Reese Spring Creek

Gibson Spring Creek

Thompson Spring Creek

Story Spring Creek

Ben Hart Creek

MADISON RIVER DRAINAGE

Antelope Creek

Blaine Spring Creek

Odell Spring Creek

Darlington Ditch

Rey(Rae)Spring Creek

UPPER MISSOURI RIVER DRAINAGE

Toston Springs

Marsh Creek

Warm Springs Creek

MISSOURI RIVER DRAINAGE

Giant Springs





Teton Spring Creek

Big Spring Creek

Warm Springs Creek

UPPER YELLOWSTONE RIVER DRAINAGE

Emigrant Spring Creek

Stutches Spring Creek

Emigrant Hatchery Spring Creek

Tana Ranch Spring Creek Complex

Jumping Rainbow Ranch Spring Creek

Armstrong Spring Creek

Nelson Spring Creek

Shields River Spring Creek

LOWER YELLOWSTONE RIVER DRAINAGE

Lodgepole Creek

Bluewater Spring Creek

Soap Creek





MONTANA SPRING CREEK PHOTOGRAPH VOLUME

Spring Creek photos not included in this volume.

East Gallatin Drainage

Trout (Spring Branch) Creek  
Ben Hart Creek

Madison River Drainage

Black Sand Creek  
Moore Spring Creek

Lower Yellowstone River Drainage

Lodgepole Creek (only source included)  
Tepee Creek  
Bluewater Spring Creek (only source included)





KOOTENAI RIVER DRAINAGE

STANLEY CREEK



Stanley Creek spring area. One of springs pictured.



Stanley Creek one mile above mouth.







Stanley Creek 0.5 mile above mouth.



Stanley Spring Creek 0.5 mile above mouth.



FLATHEAD RIVER DRAINAGE

Upper Drainage



Columbia Falls Slough.



Fairview Spring-source of spring in background





TAYLOR SPRING CREEK



Taylor Spring Creek.



Taylor Spring Creek. Note irrigation pipe in foreground.







Presintine Spring near origin.



Lybeck Spring Creek-note channels  
entering in from Flathead River.



BRENNEMAN'S SLOUGH



Brenneman's Slough origin



Brenneman's Slough origin.







Brenneman's Slough mouth to upper Flathead River. Lower 2 miles are flooded by Flathead Lake from May to November. Slough also visible in background.



Brenneman's Slough- lower portion flooded by Flathead Lake





# STILLWATER SPRING CREEK



Stillwater Spring Creek above confluence  
with Turnbull Creek.



Stillwater Spring Creek 2 miles above Highway  
2. Pond made as a result of constricting  
culvert above county road.





Stillwater Spring Creek above Highway  
2 Bridge west of Kalispell, Montana.





MILL CREEK



USFWS property directly below  
Creston Fish Hatchery near Creston,  
Montana.



Mill Creek-private land below USFWS  
property. Note widening of channel and  
loss of woody riparian zone.





Mill Creek above Highway 35  
bridge near Creston, Montana.  
Note diversity and health of  
riparian zone.



Mill Creek below Highway 35  
bridge near Creston, Montana.  
Note channel alteration for  
property enhancement.









Mill Creek Below Highway 35  
bridge near Creston, Montana.  
Approximately .5 mile of channel  
altered.



Mill Creek below confluence  
with Blaine Creek. 1 Mile  
above mouth.



LOWER FLATHEAD RIVER DRAINAGE  
BELOW FLATHEAD LAKE

RONAN SPRING CREEK



Ronan Spring Creek-spring source.



Ronan Spring Creek-at Edleman's property  
1 mile below source. Note extensive  
sediment accumulation.







Ronan Spring Creek-above town of Ronan,  
Montana on private property.



Ronan Spring Creek-at city park in town of  
Ronan, Montana.



SCHALL SPRING CREEK



Schall Spring Creek-spring source.



Schall Spring Creek-app. 2 miles below source







Schall Spring Creek above Highway 93.



Schall Spring Creek below Highway 93.  
Channel altered in this section for highway  
and railroad.





CLARK FORK RIVER DRAINAGE

LITTLE BLACKFOOT SPRING CREEK



Little Blackfoot Spring Creek-near origin.



Little Blackfoot Spring Creek-upper channel.







Little Blackfoot Spring Creek-lower channel;  
note beaver dam.



Little Blackfoot Spring Creek-outlet to  
Little Blackfoot River.





WARMS SPRINGS CREEK



Warm Springs Creek upper channel below falls.



Warm Springs Creek at falls; note springs seeping from limestone cliffs.







Warm Springs Creek lower channel on private land used for cattle grazing; note excessive bank slumping.



Warm Springs Creek near mouth; channel altered from beaver dams.



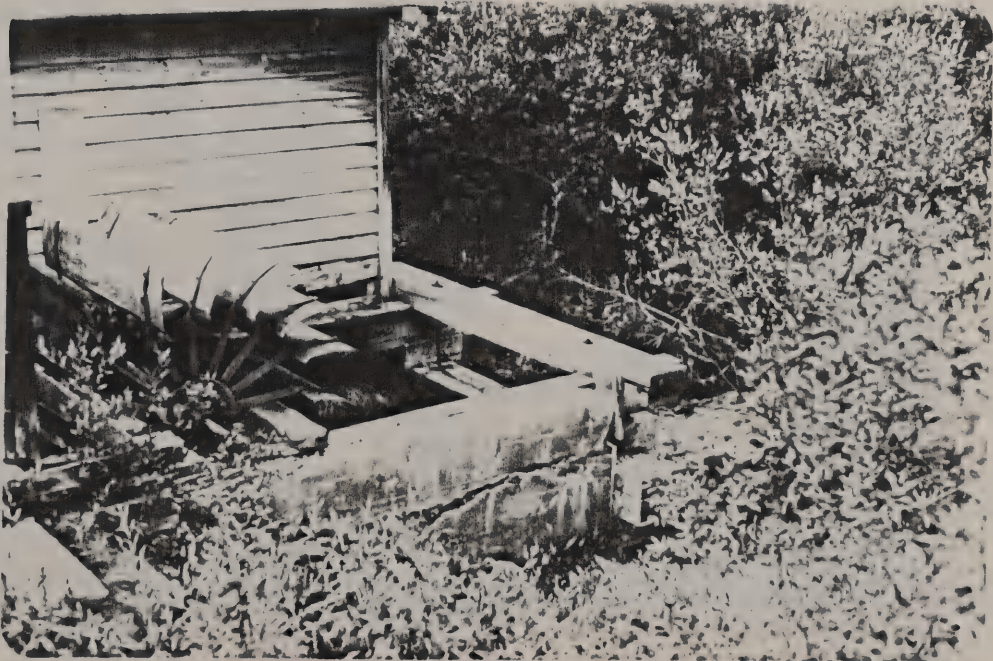


CLARK FORK RIVER DRAINAGE

STUART MILL CREEK



Stuart Mill Creek-at site of mill and reservoir area.



Stuart Mill Creek-at site of abandoned mill and water wheel.







Stuart Mill Creek-above Georgetown Lake road.



Stuart Mill Creek-below Georgetown Lake road.



NEVADA SPRING CREEK



Nevada Spring Creek-spring source. Channel in foreground is irrigation channel.



Nevada Spring Creek upper channel; note complete lack of woody riparian zone and sloughing banks.







Nevada Spring Creek-note sloughing bank throughout channel.



BLACKFOOT RIVER DRAINAGE

LOST CREEK



Lost Creek-spring source.



Lost Creek-note width, depth and  
lack of riparian zone.





ROCK SPRING CREEK



Rock Creek-natural channel below hatchery alterations.



Rock Creek-above commercial hatchery alterations. Natural channel.





Kliendschmidt Spring Creek-spring source.



Kliendschmidt Spring Creek-.5 below source.







Confluence of Rock and Kliendschmidt creeks  
above culvert under Highway 200 near Ovando,  
Montana. (will be referred to as Rock Creek).



Rock Creek below Highway 200-channel splits before  
entering river. In background is lower channel.







Rock Creek below Highway 200-.25 mile channel  
before entering North Fork Blackfoot River.



Rock Creek below Highway 200-upper channel at mouth;  
note riffle depth at North Fork Blackfoot River  
confluence.





BITTERROOT RIVER DRAINAGE

MITCHELL'S SLOUGH



Mitchell's Slough above Bell Crossing  
when branches are in one channel.





West Branch Mitchell's Slough below Bell  
Crossing



West Branch Mitchell's Slough below  
Bell Crossing.







East Branch Mitchell's Slough below Bell Crossing. Log structure in foreground have been placed.



East Branch Mitchell's Slough below Bell Crossing.





Mid Branch Mitchell's Slough below Bell Crossing.



Mid Branch Mitchell's Slough below Bell Crossing; app. 1 mile from confluence with East Branch.





BEAVERHEAD RIVER DRAINAGE

CLARK CANYON SPRINGS



Spring bordering east side of access road-source.



Spring bordering east side of access road-channel.





spring channel west of access road-Clark Canyon reservoir  
in background.





GORDON SPRING



Gordon Spring-source.



Gordon Spring-looking up toward source.





Gordon Spring-Looking downstream into Beaverhead River.



Gordon Spring-outlet into Beaverhead River.





McMENOMEY SPRING



McMenomey Spring-"west channel" and ponded area.



McMenomey Spring-"east channel" and ponded area.





McMenomey Spring-outlet to Beaverhead River.





BROWN'S SPRINGS



Brown's Springs-falls.



Brown's Sprpings-lower channel.



LOVELL'S LAKE



Lovell's Lake.



Lovell's Lake.





POINDEXTER SLOUGH



Poindexter Slough-channel above state property;  
recently acquired by state



Poindexter Slough-overview of state property.





Poindexter Slough-channel on state property.



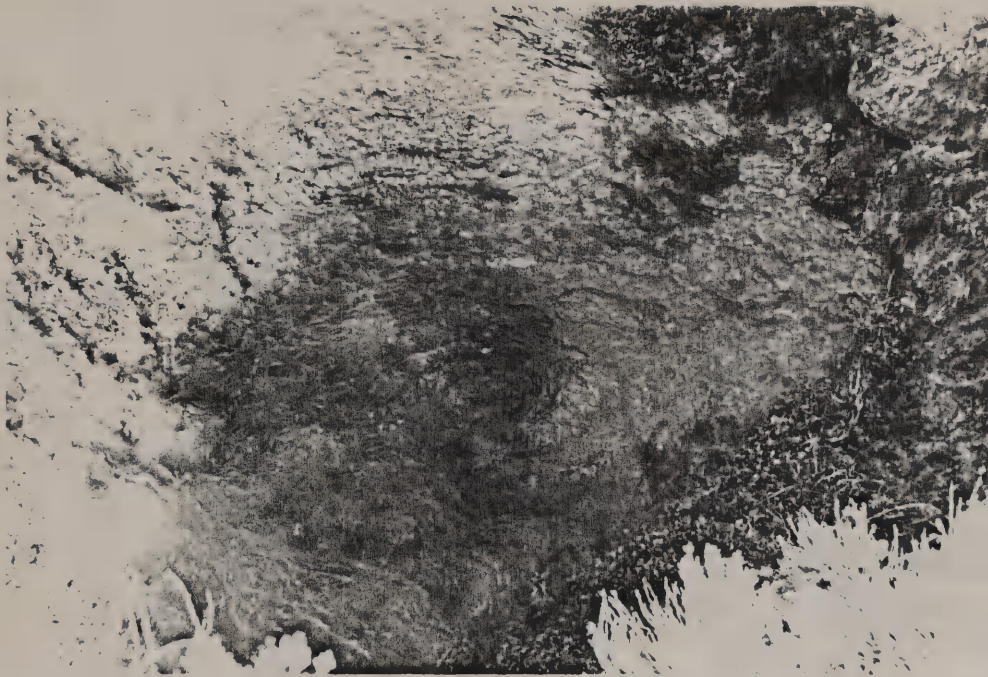
Poindexter Slough-channel on state property.





RUBY RIVER DRAINAGE

SILVER SPRINGS



Silver Springs-spring source.



Silver Springs-spring source; note bank trampling.





Silver Springs-overview of channel;  
note widening of channel and lack of woody  
riparian vegetation.





LOTT'S SPRING CREEK



Lott's Sprping Creek-upstream from county road east of Twin Bridges, Mt.



Lott's Spring Creek-downstream from county road east of Twin Bridges, Mt.



JEFFERSON RIVER DRAINAGE

WILLOW SPRINGS



Willow Springs-upper channel-note lack  
of woody riparian species and widened channel.



Willow Springs-riffle in upper channel.







Willow Springs-midsection, widened channel.



Willow Springs-lower channel below grazed area.



PARSONS SLOUGH



Parsons Slough-upstream from county road,  
mid-section.



Parsons Slough-downstream from county road,  
mid-section.





JEFFERSON RIVER DRAINAGE

COLD SPRINGS



Cold Springs ponds developed for commercial trout hatchery.



Cold Springs-lower developed ponds.





Cold Springs-headgate on upper channel draining ponds.



Cold Springs-lower outlet to Boulder River.





EAST GALLATIN SPRING CREEK COMPLEX



Reese Spring Creek-upstream from  
county road.



Reese Spring Creek-outlet into E. Gallatin  
River.



THOMPSON SPRING CREEK



Thompson Spring Creek-upper channel.



Thompson Spring Creek-subdivided area;  
note bank healing as a result of land use  
change from agricultural to residential.





STORY SPRING CREEK



Story Spring Creek-upper channel



Story Spring Creek-app. 3 miles from  
mouth. upstream from Frontage Rd.





Story Spring Creek-app. 3 miles above  
mouth; downstream from Frontage Rd.





MADISON RIVER DRAINAGE

ANTELOPE CREEK



Antelope Creek-overview of lower section.



Antelope Creek-mid section on USFS property.



BLAINE SPRING CREEK



Blaine Spring Creek-upper spring source.



Blaine Spring Creek-lower spring source.







Blaine Spring Creek-gauging station below  
Ennis Fish Hatchery.



Blaine Spring Creek-app 1 mile below Ennis  
Fish Hatchery.







Blaine Spring Creek-app 1 mile below  
Ennis Fish Hatchery, above subdivisions



Blaine Spring Creek-upstream from lower road  
crossing;app 1 mile above outlet to Madison River.







Blaine Spring Creek-downstream from lower road crossing; app 1 mile above outlet to Madison River.



ODELL SPRING CREEK



Odell Spring Creek-upstream from Highway 287,  
near Ennis, Mt.



Odell Spring Creek-downstream from Highway 287,  
near Ennis, Mt.







Odell Spring Creek-directly above mouth to  
Madison River at Valley Garden State Fishing Access.



# DARLINGTON DITCH



Darlington Ditch-unaltered section on state land.



Darlington Ditch-altered section in foreground, unaltered section in background.







Darlington Ditch-- altered section.



Darlington Ditch outlet near I-90.



REY (RAE) SPRING CREEK



Rey Spring Creek-upstream from Madison River Road.



Rey Spring Creek-downstream from Madison River Road.







Ray Spring Creek-directly upstream from outlet.



MISSOURI RIVER DRAINAGE

TOSTON SPRINGS



Toston Springs-overview; spring channel  
located below railroad.



Toston Springs-pool created at source.







Toston Springs-artificial channel.



Toston Springs-outlet to Missouri River;note quantity of water and position of outlet.



MARSH SPRING CREEK



Marsh Spring Creek-downstream from county road.  
Note total lack of woody riparian species



Marsh Spring Creek-lower channel.





WARM SPRINGS CREEK



Warm Springs Creek-upstream from county road.



Warm Springs Creek-downstream from county road.  
Note slumped, raw banks.



MISSOURI RIVER DRAINAGE

GIANT SPRINGS



Giant Springs



Giant Springs





TETON SPRING CREEK



Teton Spring Creek-above Choteau, Mt



Teton Spring Creek-below Choteau, Mt.



JUDITH RIVER DRAINAGE

BIG SPRING CREEK



Big Spring Creek-origin.



Big Spring Creek in Lewistown







Big Spring Creek-Headcut Stabilization structure below Lewistown Blvd. Bridge



Big Spring Creek-Aerial view of 2200 Ft channelized area-note old meanders of creek.





Big Spring Creek.



Big Spring Creek.





UPPER YELLOWSTONE RIVER DRAINAGE

EMIGRANT SPRING CREEK



Emigrant Spring Creek-upper section  
near source; note beaver dams and  
increased riparian zone.



Emigrant Spring Creek- mid section;  
note beaver dams, sediment covered  
substrate and fewer woody riparian  
cover.







Emigrant Spring Creek-lower section.  
note clean substrate.



Emigrant Spring Creek-outlet to  
Yellowstone River.





STUTCHES SPRING CREEK



Stutches Spring Creek-Overview.



Stutches Spring Creek-midsection; note artificial overhang structure.







Stutches Spring Creek-midsection.  
cleared area is Yellowstone Cutthroat redd



Stutches Spring Creek- outlet; Yellowstones  
River mainstem.





EMIGRANT HATCHERY SPRING



Emigrant Hatchery Spring; channel  
directly below artificial ponds.



Emigrant Hatchery Spring; mid-section.





Emigrant Hatchery Spring; near outlet,  
riparian loss due to stock grazing.





TANA RANCH SPRING CREEK COMPLEX

MCDONALD SPRING CREEK



McDonald Spring Creek-midsection;  
structures in channel are remnants of  
commercial fish hatchery production.



McDonald Spring Creek-near mouth





Beaver Spring Creek-note lack of  
woody riparian speices



Beaver Spring Creek-note cattle trampling.



Beaver Spring Creek-lower creek below  
cattle grazing.





JUMPING RAINBOW RANCH SPRING CREEK



Overview of Jumping Rainbow Ranch-  
note new channel in bottom righthand  
corner of picture.



Jumping Rainbow Ranch Spring Creek channel  
outlet below ponds and subdivision.





Jumping Rainbow Ranch Spring Creek channel  
constructed in subdivision.



Jumping Rainbow Ranch Spring Creek  
artificial channel constructed between  
source and subdivision.





YELLOWSTONE RIVER DRAINAGE

ARMSTRONG SPRING CREEK



Armstrong Spring Creek-manmade channel  
right channel in photo; original channel  
at left.



Armstrong Spring Creek-farthest east channel  
highwater channel of Yellowstone River.

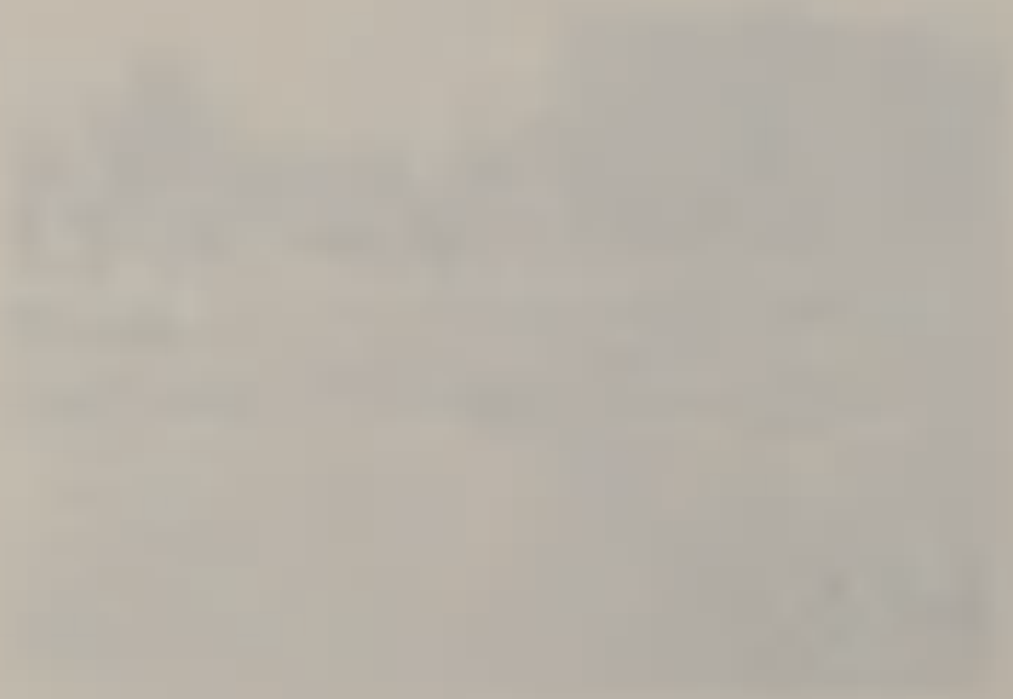
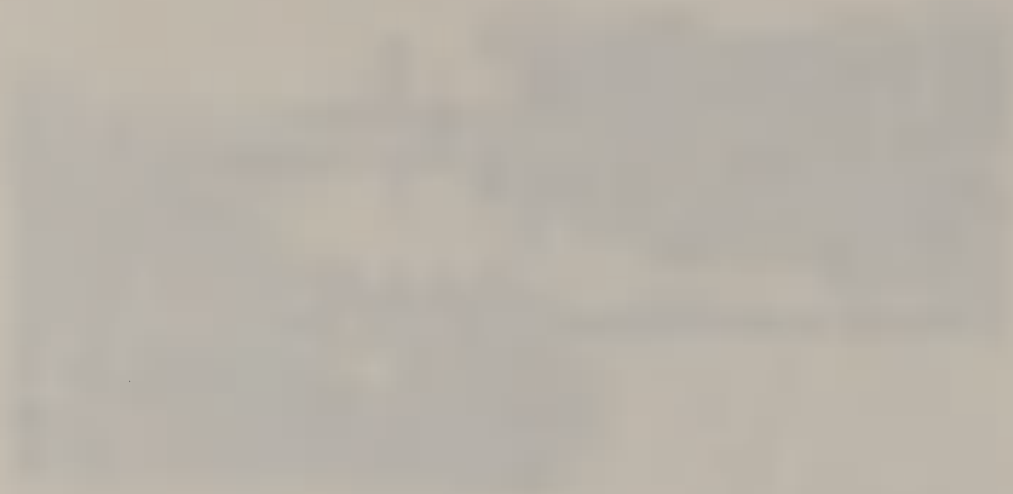




Armstrong Spring Creek-Dupuis property; pictured is manmade channel.



Armstrong Spring Creek-Dupuis property; pictured is manmade channel below bridge.





NELSON SPRING CREEK



Nelson's Spring Creek-Dana's property.



Nelson Spring Creek-looking downstream  
from app. middle of the Nelson's property.







Nelson Spring Creek-cattle exposure on creek.



Nelson Spring Creek-lower section on Dana's property.

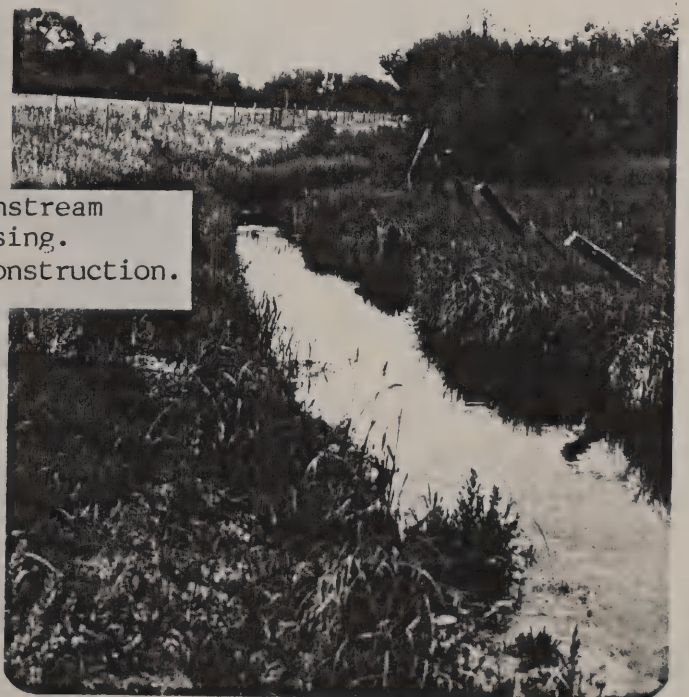




SHIELDS RIVER SPRING CREEK



Shields River Spring Creek-upstream  
from road to Shield River Crossing.  
Reconstructed area.



Shields River Spring Creek-downstream  
from road to Shield River Crossing.  
Unaffected area by highway reconstruction.



LOWER YELLOWSTONE RIVER DRAINAGE



Lodgepole Creek-origin.



Bluewater Spring Creek-spring source.





SOAP CREEK



Soap Creek-spring area.



Soap Creek-spring Area









